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PATENT  
Customer No. 22,852  
Attorney Docket No. 09700.0062

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Johannes LAUTERBACH et al. ) Group Art Unit: 2671  
Application No.: 10/676,364 ) Examiner: Unknown  
Filed: September 30, 2003 )  
For: DEVELOPING APPLICATIONS ) Confirmation No.: 3223  
USING A METAMODEL )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**CHANGE OF CUSTOMER NUMBER AND CORRESPONDENCE ADDRESS**

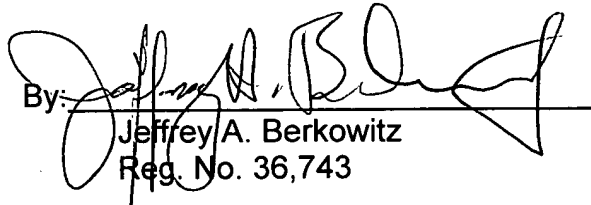
Effective immediately, please make the following changes concerning all future correspondence with respect to the above-identified patent application:

Customer No.: 22,852  
Attorney Docket No.: 09700.0062-00000  
Telephone: (202) 408-4000  
Facsimile: (202)-408-4400

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: May 15, 2005

By:   
Jeffrey A. Berkowitz  
Reg. No. 36,743



PATENT  
Customer No. 22,852  
Attorney Docket No. 09700.0062

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Johannes LAUTERBACH et al.	)	Group Art Unit: 2671
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For: DEVELOPING APPLICATIONS USING A METAMODEL	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**REVOCATION OF POWER OF ATTORNEY  
AND GRANT OF NEW POWER OF ATTORNEY**

The undersigned, a representative authorized to sign on behalf of the assignee owning all of the interest in this patent application, hereby revokes all previous powers of attorney or authorization of agent granted in this application before the date of execution hereof. The undersigned verifies that **SAP AKTIENGESELLSCHAFT** is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors recorded at the U.S. Patent and Trademark Office at **Reel 014138, Frame 0074**. The undersigned certifies that the evidentiary documents have been reviewed and to the best of the undersigned's knowledge and belief, title is in the assignee **SAP AKTIENGESELLSCHAFT**.

The undersigned hereby grants its power of attorney to **FINNEGAN,  
HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., Customer  
Number 22,852**, to prosecute this application and to transact all business in the Patent  
and Trademark Office connected therewith, and to receive the Letters Patent.

Please send all future correspondence concerning this application to:

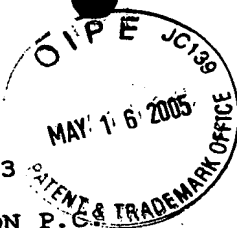
Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.  
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901 New York Avenue, NW  
Washington, DC 20001

Dated: May 9, 2005

By: 

ppa

Guenther Schmalz  
IP Director EMEA  
SAP Aktiengesellschaft



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
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NOVEMBER 19, 2003

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\*700053252A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/18/2003

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NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
LAUTERBACH, JOHANNES

DOC DATE: 10/30/2003

ASSIGNOR:  
GOERKE, BJOERN

DOC DATE: 10/30/2003

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DOC DATE: 10/30/2003

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DOC DATE: 10/30/2003

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SERIAL NUMBER: 10676364  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

OPR/ASSIGNMENTS

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014138/0074 PAGE 2

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
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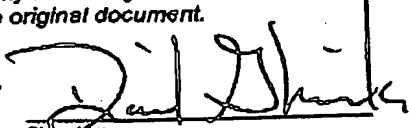
FISH &amp; RICHARDSON-

11/18/2003

700053252

Substitute Form PTO-1506  
 Attorney Docket No.: 13913-108001  
 Client's Ref. No.: 2003P00323 US


# RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
<b>1. Name of conveying party(ies):</b> Johannes Lauterbach, Bjoern Goerke, Markus Cherdron and Jens Ittel Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies):</b> SAP AKTIENGESELLSCHAFT Neuroltstrasse 16 69190 Walldorf Germany Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 10/30/2003	
<b>4. Application number(s) or patent number(s):</b> If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/676,364 B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name/address of party to whom correspondence concerning document should be mailed:</b> DAVID MIRANDA Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110-2804	<b>6. Total number of applications/patents involved: 1</b> <b>7. Total fee (37 CFR \$3.41): \$40</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. <b>8. Deposit Account No.: 06-1050</b> Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
<b>9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</b> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div>           David Miranda            Reg. No. 42,898            Name of Person Signing         </div> <div style="text-align: center;">             Signature         </div> <div style="text-align: center;">           11/18/03            Date         </div> </div>	
Total number of pages including coversheet, attachments and document: 3	

20758127.doc

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I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

11/18/03            Alissa Passacantilli  
 Date of Transmission      Signature      Typed Name of Person Signing Certificate

ASSIGNMENT

For valuable consideration, we, Johannes Lauterbach, Bjoern Goerke, Markus Cherdron and Jens Ittel, hereby assign to SAP Aktiengesellschaft, a German Corporation, having a place of business at Neurottstrasse 16, D-69190 Walldorf, Germany, and its successors, and assigns (collectively, "the ASSIGNEE") our entire right, title and interest throughout the world in the inventions and improvements that are the subject of a patent document entitled

DEVELOPING APPLICATIONS USING A METAMODEL

and which is found in

U.S. patent application filed on 9/30/2003  
[X] under Application No. 10/676,364  
[ ] with Express Mail No. \_\_\_\_\_ (Application Number not yet known).

We authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known.

This assignment includes the foregoing patent application or patent, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. We authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

We hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment.

We further agree for ourselves and our respective heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto; and we agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Inventor's Signature

Johannes Lauterbach

Witnessed by:

Frank Stienhaus  
Signature

Frank Stienhaus  
Print Name

2003/10/30  
Date

Inventor's Signature

Bjoern Goerke

Witnessed by:

Jens Ittel  
Signature

Jens Ittel  
Print Name

2003-10-30  
Date

Inventor's Signature

Markus Cherdron

2003-10-30

Date

Witnessed by:

Signature

Print Name

Johannes Lauterbach

Inventor's Signature

Jens Ittel

2003-10-30

Date

Witnessed by:

Signature

Print Name

Frank Stienhaus